



TRANSMITTAL LETTER			Case No. 56-419
Serial No. 60/677,111	Filing Date October 1, 2003	Examiner Unassigned	Group Art Unit 2857
Inventor(s) Erwin Bratzdrum			
Title of Invention PROCEDURE AND DEVICE FOR DATA TRANSMISSION BETWEEN A PROCESSING UNIT AND SEVERAL POSITION MEASURING INSTRUMENTS			

TO THE COMMISSIONER FOR PATENTS

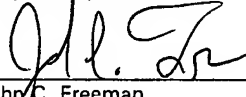
Transmitted herewith is Transmittal Letter (in duplicate); Information Disclosure Statement (in duplicate); PTO 1449; Copies of 8 cited references; and Return Postcard.

- ☐ Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.
- ☐ Applicant claims small entity status. See 37 CFR 1.27.
- ☐ Petition for a \_\_\_\_\_ month extension of time.
- ☒ No additional fee is required.
- ☐ The fee has been calculated as shown below:

					Small Entity		or	Other Than Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee		Rate	Add'l Fee
Total		Minus			x \$9 =			x \$18 =	
Indep.		Minus			x 43 =			x \$86 =	
First Presentation of Multiple Dep. Claim					+ \$145 =			+ \$290 =	
					Total add'l fee	\$		Total add'l fee	\$

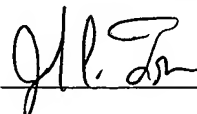
- ☐ Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
- ☒ I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

  
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Registration No. 34,483  
Attorney for Applicant  
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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 10, 2004.

Date: February 10, 2004 Signature: 



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Name of Registered Representative:

John C. Freeman  
John C. Freeman, Reg. No. 34,483

February 10, 2004  
Date of Signature

PATENT  
CASE NO. 56/419

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application: )  
)  
Erwin Bratzdrum )  
) Group Art Unit: 2857  
)  
Serial No.: 10/677,111 )  
) Examiner: unassigned  
Filed: October 1, 2003 )  
)  
For: PROCEDURE AND DEVICE FOR )  
DATA TRANSMISSION )  
BETWEEN A PROCESSING UNIT )  
AND SEVERAL POSITION )  
MEASURING INSTRUMENTS )

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with Applicant's duty of disclosure under 37 C.F.R. § 1.56 and in conformance with 37 C.F.R. §§ 1.97-1.98, Applicant hereby submits the following references for consideration by the Examiner. Copies of the references are enclosed along with a completed copy of Form PTO-1449.

## **I. DISCLOSURE**

### **A. U.S. Patents**

<b><u>Patent No.</u></b>	<b><u>Inventor</u></b>	<b><u>Issue Date</u></b>
6,388,906 B1	Ferstenberg	05/14/02
6,603,672 B1	Deng et al.	08/05/03

### **B. U.S. Patent Application Publications**

<b><u>Publication No.</u></b>	<b><u>Inventor</u></b>	<b><u>Publication Date</u></b>
US 2002/0015389 A1	Wastlhuber et al.	02/07/02
US 2002/0015449 A1	Wastlhuber et al.	02/07/02
US2003/0135348 A1	Bratzdrum et al.	07/17/03

### **C. Foreign Patent References**

<b><u>Reference No.</u></b>	<b><u>Country</u></b>	<b><u>Publication Date</u></b>
100 30 358 A1	Germany	01/03/02
100 30 357 A1	Germany	01/17/02
101 62 735 A1	Germany	07/03/03

## **II. DISCUSSION**

### **A. German Reference No. 100 30 358**

The pertinence of the '358 patent reference is discussed at pages 1, 2 and 5 of Applicant's Specification. Based solely on the drawings and the enclosed English language abstract, the '358 patent reference appears to disclose a serial data transmission method that includes transmission of actual position measuring data in response to a position request command before

transmission of further data that is not time critical. It is believed that U.S. Patent Application Publication No. US 2002/0015389 corresponds to the '358 patent reference.

**B. German Reference No. 100 30 357**

The pertinence of the '357 patent reference is discussed at pages 1, 2 and 5 of Applicant's Specification. Based solely on the drawings and the enclosed English language abstract, the '357 patent reference appears to disclose a method of serial data transmission that involves determining a position signal should a request for positioning data arrive during the transfer of a data element from a processing unit to a position measuring system. It is believed that U.S. Patent Application Publication No. US 2002/0015449 corresponds to the '357 patent reference.

**C. German Reference No. 101 62 735**

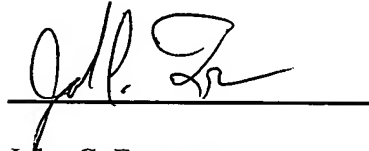
The pertinence of the '735 patent reference is discussed at page 13 of Applicant's Specification. Based solely on the drawings and the enclosed English language abstract, the '735 patent reference appears to disclose determining times of flight for position signals between a position measurement device and a signal-processing unit. It is believed that U.S. Patent Application Publication No. US 2003/0135348 corresponds to the '735 patent reference.

**III. CONCLUSION**

It is believed that none of these references, alone or in combination, disclose or suggest the invention claimed. However, Applicant wishes to make it clear that the disclosure of the above references is in no way an admission that they qualify as prior art. It is Applicant's desire, however, to have these references available in the record for both the Examiner and the public to see. Applicant therefore requests that the Examiner review the entire disclosure of each

reference and make the above-listed references of record.

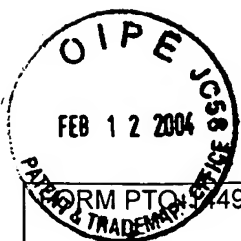
Respectfully submitted,

A handwritten signature in black ink, appearing to read "John C. Freeman", is written over a horizontal line.

John C. Freeman  
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Attorney for Applicant

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Dated: February 10, 2004



FORM PTO 1449	SERIAL NO. 10/677,111	CASE NO. 56-419
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>	FILING DATE: October 1, 2003	GROUP ART UNIT 2857
(use several sheets if necessary)	APPLICANT(S): Erwin Bratzdrum	

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	6,388,906 B1	05/14/2002	Ferstenberg		
	A2	6,603,672 B1	08/05/2003	Deng et al.		
	A3	US 2002/0015389 A1	02/07/2002	Wastlhuber et al.		
	A4	US 2002/0015449 A1	02/07/2002	Wastlhuber et al.		
	A5	US2003/0135348 A1	07/17/2003	Bratzdrum et al.		
	A6					
	A7					
	A8					
	A9					
	A10					
	A11					
	A12					
	A13					

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	A14	100 30 358 A1	01/03/2002	Germany		Yes
	A15	100 30 357 A1	01/17/2002	Germany		Yes
	A16	101 62 735 A1	07/03/2003	Germany		Yes
	A17					
	A18					

EXAMINER INITIAL	<b>OTHER ART - NON PATENT LITERATURE DOCUMENTS</b> <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.</small>	
	A19	
	A20	
	A21	
	A22	
	A23	
	A24	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.